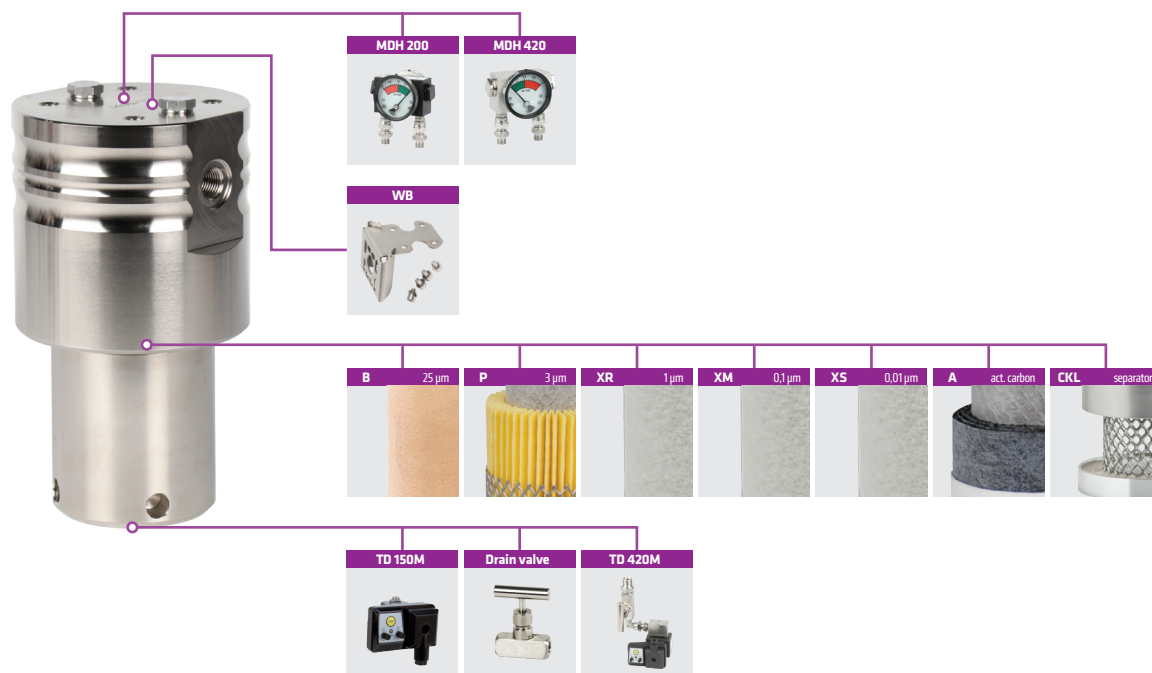




CHP

CARBON STEEL HIGH PRESSURE FILTERS

operating pressure

100 / 250 / 420 bar


TECHNICAL DATA

Filter housing size	Pipe size	Max. oper. pressure bar/psi	Flow rate at 7 bar(g), 20 °C		Dimensions				Mass kg	Filter element type			
					A	B	C	D					
	inch	bar/psi	Nm ³ /h	scfm	mm	mm	mm	mm					
CHP 003	1/4	100/250/420	40	23,5	182	98	104	30	7,6	0305			
CHP 005	3/8	100/250/420	70	41,2	182	98	104	30	7,6	0310			
CHP 007	1/2	100/250/420	130	76,5	230	118	129	36	15,3	0420			
CHP 010	3/4	100/250/420	195	115	254	118	129	36	16,1	0520			
CHP 018	1	100/250/420	275	162	276	145	158	46	26,5	0525			
CHP 030	1 1/4	100/250/420	380	223	328	145	158	46	28,6	0725			
CHP 047	1 1/2	100/250/420	495	291	385	195	216	65	65,9	0730			
CHP 094	2	100/250/420	715	421	460	195	216	65	71,4	1030			

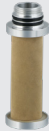
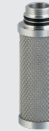
Remarks:

- B filter element can be cleaned with ultrasonic bath or with back flushing. Interval of cleaning depends on application. If necessary replace filter element with new one.
- Filter elements "A", should be changed periodically to assure proper quality of air, but at least every 6 months. Activated carbon filters must not operate in oil saturated conditions.

CORRECTION FACTORS

Operating pressure [bar]	7	25	40	64	100	250	420
Operating pressure [psi]	100	362	580	928	1.450	3.625	6.091
Correction factor	1	3	5	8	12	12	12



FILTER ELEMENTS										
			25 µm	3 µm	1 µm	0,1 µm	0,01 µm			
			B prefilter	P prefilter	XR prefilter	XM microfilter	XS finefilter	A activated carbon	CKL separator	
			sintered brass	acrylic fibers, cellulose	borosilicate micro fibres			borosil. micro fibres activated carbon	stainless steel	
Filter element type	Flow rate	Corresponding housing								
	Nm³/h									
0305	40	CHP 003								
0310	70	CHP 005								
0420	130	CHP 007								
0520	195	CHP 010								
0525	275	CHP 018								
0725	380	CHP 030								
0730	495	CHP 047								
1030	715	CHP 094								

CONDENSATE DRAIN			
	TD 150M*	Drain valve HP	TD 420M 230V

*Remark: Without strainer.

DIFFERENTIAL PRESSURE INDICATOR				
	MDH 200	MDH 200C	MDH 420	MDH 420C

ACCESSORIES				
	WB CHP/IHP S	WB CHP/IHP M	WB CHP/IHP L	WB CHP/IHP XL